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## OM protein - protein search, using sw model

Run on: March 7, 2005, 07:04:37 ; Search time 11.7876 Seconds  
(without alignments)  
702.945 Million cell updates/sec

Title: US-09-939-537-37

Perfect score: 591  
Sequence: 1 TRFSRSABPPAYOQGNOLY.....LSTATQTYDALHQAAPPR 111Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

## Database :

Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/1aa/5A COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/5B COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/6A COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/6B COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/PCTUS COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	591	100.0	111	2	US-08-284-391B-37
2	591	100.0	111	3	US-09-218-950-37
3	591	100.0	111	4	US-08-394-388A-37
4	583	98.6	142	2	US-08-284-391B-44
5	583	98.6	142	3	US-09-218-950-44
6	583	98.6	142	4	US-08-394-388A-44
7	583	98.6	532	2	US-08-417-495-6
8	583	98.6	532	2	US-08-284-391B-6
9	583	98.6	532	3	US-09-218-950-6
10	583	98.6	532	4	US-08-394-388A-6
11	583	98.6	532	5	PCT-US92-01785-6
12	583	98.6	532	5	PCT-US95-00454-6
13	572	96.8	163	4	US-09-949-016-5984
14	572	96.8	222	4	US-09-949-016-8757
15	476.5	80.6	113	4	US-08-563-892A-26
16	476.5	80.6	113	4	US-09-366-212A-26
17	472.5	79.9	113	4	US-08-563-892A-31
18	472.5	79.9	113	4	US-09-366-212A-31
19	467.5	79.1	113	4	US-08-563-892A-30
20	467.5	79.1	113	4	US-09-366-212A-30
21	373.5	63.2	575	2	US-08-417-495-4
22	373.5	63.2	575	2	US-08-284-391B-4
23	373.5	63.2	575	3	US-09-218-950-4
24	373.5	63.2	575	3	US-08-394-388A-4
25	373.5	63.2	575	5	PCT-US92-01785-4
26	373.5	63.2	575	5	PCT-US95-00454-4
27	250	42.3	64	2	US-08-563-892A-27

28	250	42.3	64	4	US-09-366-212A-27	Sequence 27, App1
29	187.5	31.7	53	2	US-08-563-892A-29	Sequence 29, App1
30	187.5	31.7	53	4	US-09-366-212A-29	Sequence 29, App1
31	187	31.6	38	2	US-08-284-391B-50	Sequence 50, App1
32	187	31.6	38	3	US-09-218-950-50	Sequence 50, App1
33	187	31.6	38	4	US-08-394-388A-50	Sequence 50, App1
34	184	31.1	36	2	US-08-284-391B-49	Sequence 49, App1
35	184	31.1	36	3	US-09-218-950-49	Sequence 49, App1
36	184	31.1	36	4	US-08-394-388A-49	Sequence 49, App1
37	178	30.1	35	2	US-08-284-391B-48	Sequence 48, App1
38	178	30.1	35	3	US-09-218-950-48	Sequence 48, App1
39	178	30.1	35	4	US-08-394-388A-48	Sequence 48, App1
40	176	29.8	36	4	US-09-511-204B-7	Sequence 7, App1
41	176	29.8	36	4	US-09-511-204B-13	Sequence 13, App1
42	176	29.8	36	4	US-09-511-204B-14	Sequence 14, App1
43	170	28.8	35	2	US-08-284-391B-45	Sequence 45, App1
44	170	28.8	35	3	US-09-218-950-45	Sequence 45, App1
45	170	28.8	35	4	US-08-394-388A-45	Sequence 45, App1

## ALIGNMENTS

RESULT 1  
US-08-284-391B-37  
; Sequence 37, Application US/08284391B  
; Patent No. 5851828  
GENERAL INFORMATION:  
; APPLICANT: Seed, Brian  
; APPLICANT: Banapour, Babak  
; APPLICANT: Romeo, Charles  
; APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OR INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESS: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSBQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391B  
FILING DATE: 02-AUG-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elding, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 111 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-08-284-391B-37

Query Match 100.0%; Score 591; DB 2; Length 111;  
Best Local Similarity 100.0%; Pred. No. 2.8e-60;  
Matches 111; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRFSRSAPPAYQOQGNOLYNELNGRREYVDLDRGRDPEMGKPRKXPOEGLYNE 60  
DB 1 TRFSRSAPPAYQOQGNOLYNELNGRREYVDLDRGRDPEMGKPRKXPOEGLYNE 60  
QY 61 LQDKMAEAYSEIGMKGERRRGKGDLYOGISTATKDYDALHMOALPPR 111  
DB 61 LQDKMAEAYSEIGMKGERRRGKGDLYOGISTATKDYDALHMOALPPR 111

RESULT 2

US-09-218-950-37  
Sequence 37, Application US/09218950  
Patent No. 6284240

GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Clark & Elbling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/218, 950  
FILING DATE:

CLASSIFICATION:

Prior Application DATA:

APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbling, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045

TELEX:  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 111 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-218-950-37

Query Match 100.0%; Score 591; DB 3; Length 111;  
Best Local Similarity 100.0%; Pred. No. 2.8e-60;  
Matches 111; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRFSRSAPPAYQOQGNOLYNELNGRREYVDLDRGRDPEMGKPRKXPOEGLYNE 60  
DB 1 TRFSRSAPPAYQOQGNOLYNELNGRREYVDLDRGRDPEMGKPRKXPOEGLYNE 60

QY 61 LQDKMAEAYSEIGMKGERRRGKGDLYOGISTATKDYDALHMOALPPR 111  
DB 61 LQDKMAEAYSEIGMKGERRRGKGDLYOGISTATKDYDALHMOALPPR 111

RESULT 3

US-08-394-388A-37  
Sequence 37, Application US/08394388A  
Patent No. 6753162

GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Clark & Elbling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,388A  
FILING DATE: 24-FEB-1995  
CLASSIFICATION: 514

Prior Application DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbling, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045

TELEX:  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 111 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-394-388A-37

Query Match 100.0%; Score 591; DB 4; Length 111;  
Best Local Similarity 100.0%; Pred. No. 2.8e-60;  
Matches 111; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TRFSRSAPPAYQOQGNOLYNELNGRREYVDLDRGRDPEMGKPRKXPOEGLYNE 60  
DB 1 TRFSRSAPPAYQOQGNOLYNELNGRREYVDLDRGRDPEMGKPRKXPOEGLYNE 60  
QY 61 LQDKMAEAYSEIGMKGERRRGKGDLYOGISTATKDYDALHMOALPPR 111

DB 61 LQDKMAEAYSEIGMKERRRGKHDGLYQGLSTATQTYDALHMOALPPR 111

RESULT 4

US-08-284-391B-44

; Sequence 44, Application US/08284391B

; Patent No. 5851828

GENERAL INFORMATION:

APPLICANT: Seed, Brian

APPLICANT: Banapour, Babak

APPLICANT: Romeo, Charles

APPLICANT: Kolanus, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED

TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Clark & Ebling LLP

STREET: 176 Federal Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/284,391B

FILING DATE: 02-AUG-1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/195,395

FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566

FILING DATE: 06-MAR-1992

APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Ebling, Karen L

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

TELEX:

INFORMATION FOR SEQ ID NO: 44:

SEQUENCE CHARACTERISTICS:

LENGTH: 142 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-284-391B-44

Query Match 98.6%; Score 583; DB 2; Length 142;

Best Local Similarity 99.1%; Pred. No. 3.2e-59;

Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSAPPAAYQOGONLYNELNLGRREYDVLDKRGRDPENGGKPRRKNPOEGLYNEL 61

DB 33 KFRSAPPAAYQOGONLYNELNLGRREYDVLDKRGRDPENGGKPRRKNPOEGLYNEL 92

QY 62 QDKMAEAYSEIGMKERRRGKHDGLYQGLSTATQTYDALHMOALPPR 111

DB 93 QDKMAEAYSEIGMKERRRGKHDGLYQGLSTATQTYDALHMOALPPR 142

RESULT 5

US-09-218-950-44

; Sequence 44, Application US/09218950

; Patent No. 6284240

GENERAL INFORMATION:

APPLICANT: Seed, Brian

APPLICANT: Banapour, Babak

APPLICANT: Romeo, Charles

APPLICANT: Kolanus, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED

TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Clark & Ebling LLP

STREET: 176 Federal Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/218,950

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/284,391

FILING DATE: 02-AUG-1994

APPLICATION NUMBER: 08/195,395

FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566

FILING DATE: 06-MAR-1992

APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Ebling, Karen L

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

TELEX:

INFORMATION FOR SEQ ID NO: 44:

SEQUENCE CHARACTERISTICS:

LENGTH: 142 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-218-950-44

Query Match 98.6%; Score 583; DB 3; Length 142;

Best Local Similarity 99.1%; Pred. No. 3.2e-59;

Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSAPPAAYQOGONLYNELNLGRREYDVLDKRGRDPENGGKPRRKNPOEGLYNEL 61

DB 33 KFRSAPPAAYQOGONLYNELNLGRREYDVLDKRGRDPENGGKPRRKNPOEGLYNEL 92

QY 62 QDKMAEAYSEIGMKERRRGKHDGLYQGLSTATQTYDALHMOALPPR 111

DB 93 QDKMAEAYSEIGMKERRRGKHDGLYQGLSTATQTYDALHMOALPPR 142

RESULT 6

US-08-394-388A-44

; Sequence 44, Application US/08394388A

; Patent No. 6753162

GENERAL INFORMATION:

APPLICANT: Seed, Brian

APPLICANT: Banapour, Babak

APPLICANT: Romeo, Charles

APPLICANT: Kolanus, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED

TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS

NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,388A  
FILING DATE: 24-FEB-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 142 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-394-388A-44

Query Match 98.6%; Score 583; DB 4; Length 142;  
Best Local Similarity 99.1%; Pred. No. 3.2e-59;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFSRSAPPAYQOGNOLYNELNGRREYDVLDRGRDPEMGKPRRKNPQEGLYNEL 61  
DB 33 KFSRSAPPAYQOGNOLYNELNGRREYDVLDRGRDPEMGKPRRKNPQEGLYNEL 92

QY 62 QKDMAEAYSEIGMGERRRGKHGDLVQGLSTATKDTYDALHMOALPPR 111  
DB 93 QKDMAEAYSEIGMGERRRGKHGDLVQGLSTATKDTYDALHMOALPPR 142

RESULT 7  
US-08-417-495-6  
Sequence 6, Application US/08417495  
Patent No. 5843728  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian et al.  
TITLE OF INVENTION: Redirection of Cellular Immunity by Chimera  
TITLE OF INVENTION: Receptor  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: Motopfect (Version 5.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/417,495  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/203,866  
FILING DATE:  
APPLICATION NUMBER: US/07/847,566  
FILING DATE:  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00786/119002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-417-495-6

Query Match 98.6%; Score 583; DB 2; Length 532;  
Best Local Similarity 99.1%; Pred. No. 1.8e-58;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFSRSAPPAYQOGNOLYNELNGRREYDVLDRGRDPEMGKPRRKNPQEGLYNEL 61  
DB 423 KFSRSAPPAYQOGNOLYNELNGRREYDVLDRGRDPEMGKPRRKNPQEGLYNEL 482

QY 62 QKDMAEAYSEIGMGERRRGKHGDLVQGLSTATKDTYDALHMOALPPR 111  
DB 483 QKDMAEAYSEIGMGERRRGKHGDLVQGLSTATKDTYDALHMOALPPR 532

RESULT 8  
US-08-284-391B-6  
Sequence 6, Application US/08284391B  
Patent No. 5851828  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391B  
FILING DATE: 02-AUG-1994  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-284-391B-6

Query Match 98.6%; Score 583; DB 2; Length 532;  
Best Local Similarity 99.1%; Pred. No. 1.8e-58;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSAPPPAYOQGNQNLNMLGRREYDVLDRGRDPEMGKPRRKNPOEGLYNEL 61  
DB 423 KFSRSAPPPAYOQGNQNLNMLGRREYDVLDRGRDPEMGKPRRKNPOEGLYNEL 482

QY 62 QNDKMAEAYSEIGMKGRRRGKHGHDGLYQGLSTATDTYDALHMOALPPR 111  
DB 483 QNDKMAEAYSEIGMKGRRRGKHGHDGLYQGLSTATDTYDALHMOALPPR 532

RESULT 9  
US-09-218-950-6  
Sequence 6, Application US/09218950  
Patent No. 6284240  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kojanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/218,950  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-218-950-6

Query Match 98.6%; Score 583; DB 3; Length 532;  
Best Local Similarity 99.1%; Pred. No. 1.8e-58;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFRSAPPPAYOQGNQNLNMLGRREYDVLDRGRDPEMGKPRRKNPOEGLYNEL 61  
DB 423 KFSRSAPPPAYOQGNQNLNMLGRREYDVLDRGRDPEMGKPRRKNPOEGLYNEL 482

QY 62 QNDKMAEAYSEIGMKGRRRGKHGHDGLYQGLSTATDTYDALHMOALPPR 111  
DB 483 QNDKMAEAYSEIGMKGRRRGKHGHDGLYQGLSTATDTYDALHMOALPPR 532

RESULT 10  
US-08-394-388A-6  
Sequence 6, Application US/08394388A  
Patent No. 6753162  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kojanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,388A  
FILING DATE: 24-FEB-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-394-388A-6

Query Match 98.6%; Score 583; DB 4; Length 532;  
Best Local Similarity 99.1%; Pred. No. 1.8e-58;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFSRSAPPAAYOGGONQLYNELNLGRREYDVLDKRRGDPENGGKPRRKNPQEGLYNEL 61  
DB 423 KFSRSAPPAAYOGGONQLYNELNLGRREYDVLDKRRGDPENGGKPRRKNPQEGLYNEL 482  
DB 483 QDKRMAEAYSEIGMKERRRGKHDGLYQGLSTATKYDLYDALHMOALPPR 532

RESULT 11  
PCT-US92-01785-6  
Sequence 6, Application PC/TUS9201785  
GENERAL INFORMATION:  
APPLICANT: The General Hospital Corporation  
TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor  
TITLE OF INVENTION: Chimeras  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: Wordperfect (Version 5.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/01785  
FILING DATE: 19920306  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00786/119002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US92-01785-6

Query Match 98.6%; Score 583; DB 5; Length 532;  
Best Local Similarity 99.1%; Pred. No. 1.8e-58;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 2 RFSRSAPPAAYOGGONQLYNELNLGRREYDVLDKRRGDPENGGKPRRKNPQEGLYNEL 61

DB 423 KFSRSAPPAAYOGGONQLYNELNLGRREYDVLDKRRGDPENGGKPRRKNPQEGLYNEL 482  
QY 62 QDKRMAEAYSEIGMKERRRGKHDGLYQGLSTATKYDLYDALHMOALPPR 111  
DB 483 QDKRMAEAYSEIGMKERRRGKHDGLYQGLSTATKYDLYDALHMOALPPR 532

RESULT 12  
PCT-US95-00454-6  
Sequence 6, Application PC/TUS9500454  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian et al.  
TITLE OF INVENTION: Targeted Cytolysis of HIV-Infected  
TITLE OF INVENTION: Cells by Chimeric CD4 Receptor-  
Bearing Cells  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: Wordperfect (Version 5.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/00454  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/847,566  
FILING DATE: March 6, 1992  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US95-00454-6

Query Match 98.6%; Score 583; DB 5; Length 532;  
Best Local Similarity 99.1%; Pred. No. 1.8e-58;  
Matches 109; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 RFSRSAPPAAYOGGONQLYNELNLGRREYDVLDKRRGDPENGGKPRRKNPQEGLYNEL 61  
DB 423 KFSRSAPPAAYOGGONQLYNELNLGRREYDVLDKRRGDPENGGKPRRKNPQEGLYNEL 482  
QY 62 QDKRMAEAYSEIGMKERRRGKHDGLYQGLSTATKYDLYDALHMOALPPR 111  
DB 483 QDKRMAEAYSEIGMKERRRGKHDGLYQGLSTATKYDLYDALHMOALPPR 532

RESULT 13  
US-09-949-016-5984  
Sequence 5984, Application US/09949016

Patent No. 6812339  
GENERAL INFORMATION:  
APPLICANT: VENTER, J. Craig et al.  
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
FILE REFERENCE: CL001307  
CURRENT APPLICATION NUMBER: US/09/949,016  
CURRENT FILING DATE: 2000-04-14  
PRIOR APPLICATION NUMBER: 60/241,755  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/237,768  
PRIOR FILING DATE: 2000-10-03  
PRIOR APPLICATION NUMBER: 60/231,498  
PRIOR FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 207012  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 5984  
LENGTH: 163  
TYPE: PR1  
ORGANISM: Human  
US-09-949-016-5984

Query Match 96.8%; Score 572; DB 4; Length 163;  
Best Local Similarity 97.3%; Pred. No. 6.9e-58;  
Matches 107; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 RPSRSAPPAAYOGONQNLVNEINLGRREYDVLDRGRGDPENGGKPRRRKPOEGLYNEL 61  
DB 54 KFSRSADAPAYOGONQNLVNEINLGRREYDVLDRGRGDPENGGKPRRRKPOEGLYNEL 113  
QY 62 QKDQKAAEAYSEIGMKGERRRGKGDGLYQGLSTATKDTYDALHMOALPPR 111  
DB 114 QKDQKAAEAYSEIGMKGERRRGKGDGLYQGLSTATKDTYDALHMOALPPR 163

RESULT 14  
US-09-949-016-8757  
Sequence 8757, Application US/09949016  
Patent No. 6812338  
GENERAL INFORMATION:  
APPLICANT: VENTER, J. Craig et al.  
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
FILE REFERENCE: CL001307  
CURRENT APPLICATION NUMBER: US/09/949,016  
CURRENT FILING DATE: 2000-04-14  
PRIOR APPLICATION NUMBER: 60/241,755  
PRIOR FILING DATE: 2000-10-20  
PRIOR APPLICATION NUMBER: 60/237,768  
PRIOR FILING DATE: 2000-10-03  
PRIOR APPLICATION NUMBER: 60/231,498  
PRIOR FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 207012  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 8757  
LENGTH: 222  
TYPE: PR1  
ORGANISM: Human  
US-09-949-016-8757

Query Match 96.8%; Score 572; DB 4; Length 222;  
Best Local Similarity 97.3%; Pred. No. 1e-57;  
Matches 107; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 RPSRSAPPAAYOGONQNLVNEINLGRREYDVLDRGRGDPENGGKPRRRKPOEGLYNEL 61  
DB 113 KFSRSADAPAYOGONQNLVNEINLGRREYDVLDRGRGDPENGGKPRRRKPOEGLYNEL 172  
QY 62 QKDQKAAEAYSEIGMKGERRRGKGDGLYQGLSTATKDTYDALHMOALPPR 111  
DB 173 QKDQKAAEAYSEIGMKGERRRGKGDGLYQGLSTATKDTYDALHMOALPPR 222

RESULT 15  
US-08-563-892A-26  
Sequence 26, Application US/08563892A  
Patent No. 5976819  
GENERAL INFORMATION:  
APPLICANT: Finkel, Terri H.  
TITLE OF INVENTION: PRODUCT AND PROCESS TO REGULATE ACTIN  
TITLE OF INVENTION: POLYMERIZATION IN T LYMPHOCYTES  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheridan Ross & McIntosh  
STREET: 1700 Lincoln St., Suite 3500  
CITY: Denver  
STATE: Colorado  
COUNTRY: U.S.A.  
ZIP: 80203  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/563,892A  
FILING DATE: 21-NOV-1995  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kovarik, Joseph E.  
REGISTRATION NUMBER: 33,005  
REFERENCE/DOCKET NUMBER: 2879-33  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 303/863-9700  
TELEFAX: 303/863-0223  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 113 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-563-892A-26

Query Match 80.6%; Score 476.5; DB 2; Length 113;  
Best Local Similarity 83.8%; Pred. No. 3.9e-47;  
Matches 93; Conservative 5; Mismatches 12; Indels 1; Gaps 1;

QY 2 RPSRSAPPAAYOGONQNLVNEINLGRREYDVLDRGRGDPENGGKPRRRKPOEGLYNEL 60  
DB 3 KFSRSAPPAAYOGONQNLVNEINLGRREYDVLDRGRGDPENGGKPRRRKPOEGLYNEL 62  
QY 61 LQDKKAAEAYSEIGMKGERRRGKGDGLYQGLSTATKDTYDALHMOALPPR 111  
DB 63 LQDKKAAEAYSEIGMKGERRRGKGDGLYQGLSTATKDTYDALHMOALPPR 113

Search completed: March 7, 2005, 07:22:56  
Job time: 12.7876 secs

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